

Notice of Allowability

Application No.

09/930,850

Examiner

Diem K Cao

Applicant(s)

WONG ET AL.

Art Unit

2126

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 11/23/2004.
 2. ☒ The allowed claim(s) is/are 1-4, 6-8, 10-12, 14-18 and 20, now renumbered 1-16.
 3. ☐ The drawings filed on _____ are accepted by the Examiner.
 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20041123.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Michael Hsu (Reg. No. 46,782) on February 14th 2005.

2. The application has been amended as follows:

Claim 1 (currently amended): A method for creating a mobile multimedia framework application programming interface (API) capable of operation in mobile hardware devices, comprising the operations of:

setting API component access parameters to utilize a synchronous programming model;
setting API components to a pull data delivery protocol; and
removing master/slave functionality from the API components, the master/slave functionality being only utilized in an application layer.

Claim 5 (cancelled)

Claim 8 (currently amended): A mobile multimedia framework application programming interface (API) capable of operation in mobile hardware devices, comprising:

a codec;

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a data source in communication with the codec; and

a media engine having a plurality of components in communication with the codec and the data source, wherein each component is accessible utilizing a synchronous programming model, ~~and~~ wherein each component utilizes a pull data delivery protocol, wherein each component is set to exclude master/slave functionality, and wherein the master/slave functionality is utilized in an application layer.

Claim 9 (cancelled)

In claim 10, at line 1, replace “9” with – 8--.

Claim 13 (cancelled)

Claim 16 (currently amended): A method for creating a mobile multimedia framework application programming interface (API) capable of operation in mobile hardware devices, comprising the operations of:

setting API component access parameters to utilize a synchronous programming model;

setting API components to a pull data delivery protocol;

removing master/slave functionality from the API components, the master/slave functionality being only utilized in an application layer; and

providing a specialized player, wherein the specialized player is designed to process a specific type of multimedia data,

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wherein a memory size of the mobile multimedia framework API is less than 100 kilobytes.

Claim 19 (cancelled)

3. Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. The following is an examiner's statement of reasons for allowance:

Although Keeley (U.S. 6,138,271) teaches reducing the size of the operating system for use with an embedded computer by keeping only operations directly or indirectly referenced by the application program, and Travostino (Real-Time Local and Remote MACH IPC: Architecture and Design) teaches the x-kernel framework can be built in both user space and kernel space without differences, the prior art of record fails to teach the following limitations "removing master/slave functionality from the API components, wherein the master/slave functionality can and/or is only utilized in an application layer" (see Figs. 2 and 3 and Specification page 23 for support).

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diem K Cao whose telephone number is (571) 272-3760. The examiner can normally be reached on Monday - Friday, 8:00AM - 3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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